

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

GIC-534 Reissue

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,289,129, granted September 11, 2001 and for which a reissue patent is sought on the invention entitled Video Rate Buffer For Use With Push Dataflow

the specification of which

☒ is attached hereto.☐ was filed on _____ as reissue application number _____and was amended on _____
(if applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

(See Next Page)

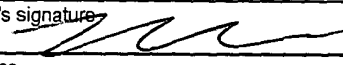
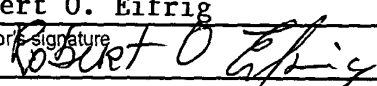
[Page 1 of 3]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Although Patentees presented method and apparatus claims in the original patent, they failed to present claims specifically directed to a bitstream for push dataflow communication to a decoder having a data buffer of predetermined memory size, the bitstream being obtained by encoding data in accordance with a model of the decoder buffer so that the modeled buffer does not overflow or underflow. The present broadening reissue broadens the claims to include the features noted above.

In particular, new claims 82-94 are directed toward a bitstream as described above. Support for these claims is found, e.g., in column 1, line 48 through column 2, line 26; column 4, lines 20-36; column 5, lines 8-28; Figures 1 and 2; and claims 1, 3-16, 21, 33, 35-48, 53, 65-81 of the patent.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3)				Docket Number (Optional) GIC-534 Reissue	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.					
Note: To appoint a power of attorney, use form PTO/SB/81.					
Correspondence Address: Direct all communications about the application to:					
<input checked="" type="checkbox"/> Customer Number:		20028			
OR					
<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) Xuemin Chen					
Inventor's signature 			Date 19-Aug-2003		
Residence 8560 Foxcroft Place			Citizenship USA		
Mailing Address San Diego, CA 92129					
Full name of second joint inventor (given name, family name) Robert O. Eifrig					
Inventor's signature 			Date 11-Aug-2003		
Residence 9640 Carroll Canyon Road, #I-7			Citizenship USA		
Mailing Address San Diego, CA 92126					
Full name of third joint inventor (given name, family name)					
Inventor's signature			Date		
Residence			Citizenship		
Mailing Address					
<input type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	
Filing Date	Herewith
First Named Inventor	Chen
Title	Video Rate Buffer for...
Art Unit	
Examiner Name	
Attorney Docket Number	GIC-534 Reissue

I hereby appoint:



Practitioners at Customer Number:

20028

OR



Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:



The above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

<input type="checkbox"/>	Firm or Individual Name			
	Address			
	Address			
	City	State	Zip	
	Country			
	Telephone	Fax		

I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.

joint

(Motorola, Inc.)

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SR/96)

SIGNATURE of Applicant or Assignee of Record

Name	LEWIS A. STEVENSON		
Signature	<i>[Signature]</i>		
Date	8/13/02	Telephone	215-323-1234

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	
Filing Date	Herewith
First Named inventor	Chen
Title	Video Rate Buffer for..
Art Unit	
Examiner Name	
Attorney Docket Number	GIC-534 Reissue

I hereby appoint:

☒ Practitioners at Customer Number:

20028

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire ^{joint} interest. See 37 CFR 3.71. (General Instrument Corporation)
 Statement under 37 CFR 3.72(d) is enclosed. (Form PTO/SB/80)

SIGNATURE of Applicant or Assignee of Record

Name

Signature

Date

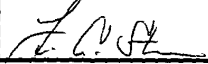
Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 2 forms are submitted.

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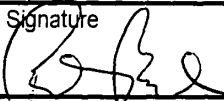
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) GIC-534 Reissue
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Xuemin Chen and Robert O. Eifrig		
Patent Number 6,289,129	Date Patent Issued September 11, 2001	
Title of Invention VIDEO RATE BUFFER FOR USE WITH PUSH DATAFLOW		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>(see below)</u>, and the assignee(s) consents to the accompanying application for reissue. Motorola, Inc. and General Instrument Corporation</p>		
Name of assignee/inventor (if not assigned) Motorola, Inc.		
Signature 	Date AUGUST 13, 2003	
Typed or printed name and title of person signing for assignee (if assigned) LEWIS A. STEVERSON VP & DIRECTOR, LAW DEPT.		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) GIC-534 Reissue
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Xuemin Chen and Robert O. Eifrig		
Patent Number 6,289,129	Date Patent Issued September 11, 2001	
Title of Invention VIDEO RATE BUFFER FOR USE WITH PUSH DATAFLOW		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>(see below)</u> and the assignee(s) consents to the accompanying application for reissue. Motorola, Inc. and General Instrument Corporation</p>		
Name of assignee/inventor (if not assigned) General Instrument Corporation		
Signature 	Date 8/13/03	
Typed or printed name and title of person signing for assignee (if assigned) PAUL DANIEL ASSISTANT SECRETARY		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Chen et al.
Application No./Patent No.: 6,289,129 Filed/Issue Date: September 11, 2001
Entitled: VIDEO RATE BUFFER FOR USE WITH PUSH DATAFLOW
Motorola, Inc., a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
joint
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

- Inventors** General Instrument Corporation
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel 9806, Frame 0040, or for which a copy thereof is attached.
2. From: General Instrument Corporation to Motorola, Inc. and*
The document was recorded in the United States Patent and Trademark Office at
Reel 011167, Frame 0092, or for which a copy thereof is attached.
*General Instrument Corporation
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. **Motorola, Inc.**

8/13/03
Date
815-227-1221
Telephone number

LEWIS A. STEVERSON
Typed or printed name
[Signature]
Signature
VP AND DIRECTOR, LAW DEPT.
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Chen et al.Application No./Patent No.: 6,289,129 Filed/Issue Date: September 11, 2001Entitled: VIDEO RATE BUFFER FOR USE WITH PUSH DATAFLOWGeneral Instrument Corporation corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
joint2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: Inventors To: General Instrument CorporationThe document was recorded in the United States Patent and Trademark Office at
Reel 9806, Frame 0040, or for which a copy thereof is attached.2. From: General Instrument Corporation to Motorola, Inc. and*The document was recorded in the United States Patent and Trademark Office at
Reel 011167, Frame 0092, or for which a copy thereof is attached.3. From: *General Instrument Corporation To: _____The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. General Instrument Corporation8/13/03

Date

215 323 1907

Telephone number

PAUL BAWEL

Typed or printed name

[Signature]

Signature

ASSISTANT SECRETARY

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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